

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER: 10004120-3

IN RE APPLICATION OF: U.S. Patent No. 7,103,790

USPTO CONFIRMATION CODE: 7802

APPLICATION NO.: 10/695,881

FILED: Oct. 28, 2003

EXAMINER: Hong Kim

GROUP ART UNIT: 2185

FOR: MEMORY CONTROLLER DRIVER CIRCUITRY HAVING A MULTIPLEXING STAGE TO PROVIDE DATA TO AT LEAST N-1 OF N DATA PROPAGATION CIRCUITS, AND HAVING OUTPUT MERGING CIRCUITRY TO ALTERNATELY COUPLE THE N DATA PROPAGATION CIRCUITS TO A DATA PAD TO GENERATE EITHER A 1X OR MX STREAM OF DATA

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 10/695,881, now Patent Number 7,103,790.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

☒ All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

☐ The errors were the fault of both the applicant and USPTO and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In column 22, line 8, delete "DQS18_ttf_start" and insert -- DQS18_ttf_start --, therefor.

(Specification filed on Oct. 28, 2003, page 38, line 11)

In column 27, line 58, in Claim 1, after "circuitry" delete "(FIG. 4, 400)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 1)

In column 27, line 60, in Claim 1, after "pad;" delete "FIG. 4, DQ4);".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 2)

In column 27, line 61, in Claim 1, after "(N \geq 2)" delete "(FIG. 4, 402, 404)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 3)

In column 27, line 62, in Claim 1, after "stage" delete "(FIG. 4, 406)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 4)

In column 27, line 65, in Claim 1, after "stream" delete "(FIG. 4, 410)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 6)

In column 28, line 2, in Claim 1, delete "(FIG. 4, 410, 412)" before "to various".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 9)

In column 28, line 5, in Claim 1, after "circuitry" delete "(FIG. 4, 408)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 1, line 11)

In column 28, line 9, in Claim 2, after "circuitry" delete "(FIG. 8, 800)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 2, line 1)

In column 28, line 11, in Claim 2, after "pad" delete "(FIG. 8, DQS18)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 2, line 2)

In column 28, line 12, in Claim 2, after "means" delete "(FIG. 8, 824, 826, 828, 830, 832, 834)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 2, line 3)

In column 28, line 17, in Claim 3, after "flip-flops" delete "(FIG. 8, 808, 810)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 3, line 2)

In column 28, line 26, in Claim 5, after "paths" delete "(FIG. 5, 504, 506)".

(Claims filed on Oct. 28, 2003, page 49, in Claim 5, line 2)

In column 28, line 31, in Claim 6, after "flip-flops" delete "(FIG. 5, 500, 502)".

(Claims filed on Oct. 28, 2003, page 50, in Claim 6, line 2)

In column 28, line 33, in Claim 7, after “N=M=2” delete “(FIG. 4)”.
(Claims filed on Oct. 28, 2003, page 50, in Claim 7, line 1)

In column 28, line 36, in Claim 8, after “route” delete “(FIG. 8, 802)”.
(Claims filed on Oct. 28, 2003, page 50, in Claim 8, line 2)

In column 28, line 39, in Claim 10, after “system” delete “(FIG. 1, 124)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 1)

In column 28, line 40, in Claim 10, after “a CPU” delete “(FIG. 1, 102)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 2)

In column 28, line 41, in Claim 10, after “controller” delete “(FIG. 1, 100)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 3)

In column 28, line 42, in Claim 10, after “controller” delete “(FIG. 1, 100)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 4)

In column 28, lines 43–44, in Claim 10, after “devices” delete “(FIG. 1, 112, 114, 116, 118, 120, 122)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 5)

In column 28, line 45, in Claim 10, after “modules” delete “(FIG. 1, 104)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 6)

In column 28, line 48, in Claim 10, after “pads” delete “(; FIG. 4, DQ4)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 9)

In column 28, line 49, in Claim 10, after “circuitry” delete “(FIG. 4, 400)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 9)

In column 28, lines 53-54, in Claim 10, after “(N≥2)” delete “(FIG. 4, 402, 404)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 12)

In column 28, line 55, in Claim 10, after “stage” delete “(FIG. 4, 406)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 13)

In column 28, line 58, in Claim 10, after “stream” delete “(FIG. 4, 410)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 15)

In column 28, line 62, in Claim 10, after “streams” delete “(FIG. 4, 410, 412)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 19)

In column 28, line 66, in Claim 10, after “circuitry” delete “(FIG. 4, 408)”.
(Claims filed on Oct. 28, 2003, page 52, in Claim 17, line 22)

In column 29, line 5, in Claim 11, after "pads" delete "(FIG. 8, 800)".
(Claims filed on Oct. 28, 2003, page 52, in Claim 18, line 2)

In column 29, line 6, in Claim 11, delete "(FIG. 8, 824, 826, 828, 830, 832, 834)"
before "for driving".
(Claims filed on Oct. 28, 2003, page 52, in Claim 18, line 3)

In column 30, line 1, in Claim 12, after "paths" delete "(FIG. 5, 504, 506)".
(Claims filed on Oct. 28, 2003, page 53, in Claim 19, line 2)

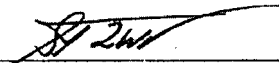
In column 30, line 5, in Claim 13, delete "(FIG. 4)".
(Claims filed on Oct. 28, 2003, page 53, in Claim 20, line 1)

In column 30, line 8, in Claim 14, after "controller" delete "(FIG. 1)".
(Claims filed on Oct. 28, 2003, page 53, in Claim 21, line 2)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

12/16/2008
DATE


Name: Steven L. Webb
Registration No.: 44,395

Attorney/Agent of Record

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 4

PATENT NO. : 7,103,790
APPLICATION NO. : 10/695,881
ISSUE DATE : Sep. 05, 2006
INVENTOR(S) : Eric M. Rentschler, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 22, line 8, delete "DQS18_ttf_start" and insert - - DQS18_tff_start - -, therefor.

In column 27, line 58, in Claim 1, after "circuitry" delete "(FIG. 4, 400)".

In column 27, line 60, in Claim 1, after "pad;" delete "FIG. 4, DQ4);".

In column 27, line 61, in Claim 1, after "(N \geq 2)" delete "(FIG. 4, 402, 404)".

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In column 28, line 2, in Claim 1, delete "(FIG. 4, 410, 412)" before "to various".

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In column 28, line 9, in Claim 2, after "circuitry" delete "(FIG. 8, 800)".

In column 28, line 11, in Claim 2, after "pad" delete "(FIG. 8, DQS18)".

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In column 30, line 1, in Claim 12, after "paths" delete "(FIG. 5, 504, 506)".

In column 30, line 5, in Claim 13, delete "(FIG. 4)".

In column 30, line 8, in Claim 14, after "controller" delete "(FIG. 1)".

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